FOR MYSORE STATE

Food And Agriculture (1950) **Department**

Mh SERIES.

G.O. No. 919

919

Dated 13th May 1950.

[Despatch Abstract.]

Agriculture - G.M.F - Green manure Seeds - Production and distribution certain information furnished to Govt. India - Papers Recorded

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No.F.2/10-49-M,
Government of India,
Ministry of Agriculture,
New Delhi, the 3rd June, 1949.

From

S.T. Raja, Esq., B.A., LL.B. Bar-at-law,
Under Secretary,

Ministry of Agriculture, Government of India.

To

All Provincial Governments, States ~~Unions and Local Administrations~~ Unions and Local Administration.

Sub: Green Manures.

- - - - -

Sir,

I am directed to say that the Conference of Agricultural Scientists recently held at New Delhi have recommended that the highest priority should be given to the production of green manures and the inclusion of legumes in crop rotations. It was felt that if energetic and immediate steps were taken for cultivation of green manures, very substantial contribution to the food production plans of the country could be made from this source alone.

2. Green manure constitutes the most important sources of nitrogen as plant food, both from the short and long term point of view of the food self sufficiency plan. Besides it is applicable equally in rain-fed and irrigated conditions It also constitutes a valuable fodder for cattle.

3. In view of the recommendations of the Agricultural Scientists, the Provincial Governments are requested to take necessary steps to increase the cultivation of green manure seeds in the Province. The action taken in this direction may please be intimated to this Ministry in due course.

4. I am also to request that this Ministry may be furnished with a statement showing the present production, requirements, deficits or surpluses of green manure seeds in the Province. An early reply is requested.

Compared R. Mohandas 10/7
N. Raghavan.

Yours faithfully,
S.T. Raja
Under Secretary.

AGRI/TR

DEVELOPMENT/DEPARTMENT.

MEMORANDUM No. 60690 AV/49-1 dated 14--6--1949.

Sub/AGRICULTURE- Grow More Food - Green Manure seeds- Cultivation - requirements etc.

Ref: From the Government of India, Ministry of Agriculture F. 2-10/49-M dated ~~7-6-49~~. 7-6-4

A copy of the Government of India's letter cited is communicated to the Director of Agriculture. He is requested to take necessary steps to increase the cultivation of green manure seeds in the Province and submi a report to Government in due course on the action taken.

2. Director is also requested to furnish urgently the information required by the Government of India in para 4 of their letter.

To

The Director of Agriculture.

Yours faithfully,

sd.

/true copy/

v.n.m. 4/7/53

Compared N. Raghavan 14/7.

N. Raghavan.

AGRICULTURAL DEPARTMENT.

From

R.M. Sundaram, Esquire, I.C.S.,

Director of Agriculture,

Chepauk, Madras.

To

The Secretary to Government,

Development Department, Madras.

E.E.1. 356/49 dated 15--7--1949.

Sir,

SUB: AGRICULTURE - Grow More Food - Green Manure seeds - Cultivation.

Ref: Government Memo. No. 60890/AV/49-1 Development Department dated 14--6--1949.

- - - -

With reference to para 1 of Government Memo cited above I submit a brief report on the action taken by this department, to increase the cultivation of Green Manure Seeds in the Province.

2. The department has been doing vigorous propaganda for the Growing and utilization of Green Manure particularly in paddy lands for increasing the yields. Green Manure seeds are being procured in large quantities from the producing centres and distributed to the ryots for growing Green Manure Crops. To induce the ryots to take up the cultivation of Green Manure, a subsidy of Rs.6/8/- per bag of 160 lbs of Green Manure Seeds purchased from them was given up to 31--3--1949 recovering half of the subsidy in the sale price. Proposals have been submitted to Government for the continuance of payment of subsidy, towards the purchase of Green Manure Seeds during the current year also but the Government meeting the entire cost of the subsidy. It is proposed to arrange seed farm to an extent of 1,50,000 acres in each of the two years 1949-50 and 50-51 in connection with the intensive cultivation scheme.

3. With regard to para (2)of the Government Memo particulars required by Governmnt have been called for from the

District Agricultural Officers and as soon all the reports are received, I shall send my final report to Government.

R.M. Sundaram,
for Director of Agriculture.

Sumitted for perusal. The final report may be awaited till 15--8--1949.

/true copy/

v.n.m. 4/7/

Compared.

NO.F .2-20/49 M
Government of India,
Ministry of Agriculture,

New Delhi, the 13th October 1949.

From

Shri .SY. Krishnaswamy.I.C.S.,
Joint Secretary to the Government of India.

To

All Provinces/Union & States.

Sub:

GROW MORE FOOD -INCREASING THE PRODUCTION OF GREEN MANURES.

Sir,

I man directed to say that due to a variety of reasons, the Government of India are unable to get the supplies of nitrogenous fertilisers as originally hoped for and that efforts are being made to explore other sources of supply. The quantity available would, in any case, be less than what was originally estimated. In view of the latest development, the Government of India consider it most essential that fullest use should be made of the indigenous manures and that immediate step be taken for increasing the production of such manures in the country. Steps for the maximum utilisation of urban and rural compost has already been taken, But there is yet one more source of manure which has not been adequately tapped. As the Provincial Governments are already aware, one of the sources of indigenous manures in green manuring the importance of which for increased food production has already been emphasized in this Ministry circular letter No.F.2-10/49-M, dated the 7th June, 1949, in which the recommendations made at the Agriculture Scientists Conference were forwarded to the Provincial Governments.

2. The Government of India consider that considerable improvement can be effected in this source of supply of indigenous manures by augmenting the production and distribution of green manure seeds. In order however, to

a correct estimate of the possibilities of increasing the supplies of green manure seeds to accelerate the food production drive, the Government of India would be grateful if information of the following points is furnished to this Ministry.

1. The targets of distribution of green manure seeds in the Food Production Plan for 1949-50 & 1950-51.
2. present production of green manure seeds in the Province.
3. Total increase which can be effected in the production of green manure seeds off season.
4. Quantity of green manure seeds required to be obtained from outside.
5. If surplus is available, then how much can be spared and of what varieties.

While this information may be collected and sent in due course, steps to increase production and distribution of green manure, will, it is hoped, be taken simultaneously. It has been observed for instance, that during the fallow season, it will be useful to grow a green manure drop. This practice is well known, but it has not spread as fast it could.

An early reply is requested

Yours faithfull

sd.xxx

for JOINT SECRETARY

v.n.m. 4/7/53

Compared.

R. Rohatgi

N. Raghavan

FOOD AND AGRICULTURE DEPARTMENT.

Memorandum No. 60690 N/49--2- dated 27-10-1949.

Sub: AGRICULTURE -Grow More Food - Green manure seeds - Cultivation, requirements etc.

Ref: Correspondence resting with the Director of Agriculture's letter No.E.E.1. 356/49 d/ 15--7-1949.

- - - - -

A copy of the Government of India's letter No.F. .220/49 M dated 13--10--1949, is communicated to the Director of Agriculture for necessary action He is requested to furnish urgently the information required by the Government of India in para 2 of their letter and expedite the final report referred to in para 2 of his letter cited.

Yours faithfully,

sd.

To the Director of Agriculture.

/true copy/

v.n.m. 4/7/53.

Compare.
R. Rohalpandurth
10/7.
N. Raghavan

AGRICULTURAL DEPARTMENT.

From

Sri. R.M. SUndaram, IC.S.,

Director of Agriculture,

Chepauk, M a d r a s.

To

The Secretary to Government,

Food and Agriculture Department,

Fort St. George, M a d r a s.

D. Dis. E.I. 356/49 dated 3--1---1950.

Sir,

Sub: Agriculture - Grow More Fobd - Production and Requirements of Green Manure seeds.

Ref: 1. Government Memo. No. 60890 A.V./49-1 (DDevelopment) dated 14--6--1949.

2. Government Memo.60890 N/49-2 dated 27-10-49.

- - - - -

In continuation of my letter (E.1. 356/49 dated 15-7-49, I furnish below the present production and estimated requirements of green manure seeds of all kinds in this Province.

2. The target of distribution of green manure seeds on the food production plan for the year 1949-50 and 1950-51 called for will be furnished on receipt of particulars from the Paddy speicialist, Coimbatore who has been addressed with reference to the revised 3 year plan.

3. A detailed district wise statement showing the production and requirements of green manure seeds is appended. The production of green manure seed in this Province is fairly equal to the demand. There is likely to be a surplus of Pillipesara seeds

	Estimated. production.		Estimated. requirements.	
	Bags.	lbs	Bags.	lbs.
Sunhemp	25,056	60	32,986	100
Pillepesara.	22,961	--	5,996	20

Indigo.	5,298		2784	40
Kolingi.	9,349		7473	100
Sesgan	28		323	50
Dainchs.	5,759		4218	20
Total.	68,453	60	53782	10

X of 160 lbs capacity.

sd. R.M. Sundaram.

Director of Agriculture.

V.N.M. 4/7/55.

Compare.

R. Rohithandrak

N. Ramanam

STATEMENT SHOWING THE PRODUCTION AND
IN BAGS. (160 Lbs. each

Districts.	Sunhemp		Pillepesara.		D
	Production in bags.	Requirements in bags.	Production in bags	Requirements in bags.	Production
	2	3	4	5	6
1. North Vizagapatam.	216	2,330	25	88	18
2. South Vizagapatnam.	500	600	300	800	20
3. East Godavari.	1,000	6,000	5,000	---	2,000
4. West Godavari. xx	540	5,740	278	170	200
5. Kistna.	---	2,500	---	500	...
6. Guntur.	800	7,000	4,200	1,400	...
7. Kurnool.	500	200	...	--	1,000
8. Bellary.	400	1,600	..	--	---
9. Anantapur(,,)	--	14	--	8	.....
10. Cuddapah.	650	1,500	150	300	300
11. Nellore.	140	420	11,060	1,722	182
12. Chitteer	140	70	28	5	42
13. Chingleput.	500	500	200	100	500
14. South Arcot Dt.	100	200	100	--	--
15. North Arcot Dt.	60	300	10	25	1,036
16 Salem	2,500	500	--	..	....
17. C oimbatore.	1,050	1,750	-	70	....
18. Trichinopoly.	--	70	140	140	---
19. Tanjore.	72	23	915	551	...
20. Pattukottai.	1,500	500	55	100	...
21. Mathurai.	486	840	--	14	----
22. Ramnad.	60	60	--	--	--
23. Tirunelveli.	50	170	--	--	--
24. Malabar. (.)	--	70			
25. South Kanara.(x)	4-60 lbs.	29+100 lbs.	--	3+20 lbs	
26. Nilgiris.	---	--	--	--	--
	25,058-60 lbs.	32.986-100 lbs.	22,961	5,996 20 lbs	5,298

NoteXX. Requirements of Glyoridia Maculata in East Godavari are 5 bags. (..
(,) Production and requirements of crotalaria seeds in Malabar is 14 bags a
cortaloria seeds in South Kanara Dt. is 7 bags and 80 lbs. respectively.

V.N..MURTHY. 6/7/1953.

(TRUE COPY

Compared

QUIREMENTS OF GREEN MANURESEEDS
ND GROUNDS.

go	Kolingi		Sesbania		Daincha		Total.	
equire ments.	Produ ction	Require ments	Produ ction	Require ments	Produ ction	Require ments	Produ ction	Require ments
7	8	9	10	11	12	13	14	15
70	--	280	--	--	94	466	353	3,234
80	--	50	--	--	30	150	1,350	1,680
--	..	50	2	200	150	100	8,152	6,350
6	..	5	--	---	660	204	1,678	6,124
100	..	50	--	--0	..	50	.....	3,200
...	..	..	..	...	...	....	16,800	8,400
1,000	..	..	..	....	...	...	3,500	300
--	--	..	..	...	..	...	400	1,600
4	..	..	..	50 lbs	..	...	...	2,650 lbs
500	..	10	..	..	..	15	1,100	2,325
252	..	28	..	28	..	28	11,382	2,478
80 lbs	..	.9	..	..	42	70	252	145-80
500	100	100	..	..	50	300	1,350	1,50 0
350	--	500	..	..	800	...	1,000	1,050
677	50	200	..	..	200	271	1,356	1,473
50	..	200	..	..	950	400	3,450	1,150
..	56	280	..	28	350	350	1,456	2,478
70	980	210	..	..	980	490	2,100	980
..	3,840	1,795	25	66	89	164	4,941	2,599
6	1,600	800	1	1	60	100	3,216	1,507
14	448	630	--	---	854	700	1,778	2,198
--	2,000	1,500	--	--	250	350	2,310	1,810
~~100~~ lbs	200	145			200	65	450	380
100 lbs	70	560				42	70	672-100 lbs
5+20 lbs	5	80-100 lbs				3+20	9-60	12+100 lbs
--	--	--	--	--	--	--	--	--
,784-40 lbs	9,349	7,473-100 lbs	28 - 328		5,759	4,216-20	68,455-60 -	55,782-10

oduction of green manure seeds in Anantapu Dt. is 6 bags-40 lbs.
1 bags respectively. (x) Production and requirements of

sd.R.M. Sndaram, Director of Agriculture

SUPERINTENDENT.

15

Letter No. 60890 N/49-4 - dated 18.3.5

To

The Commissioner for Food Production,
Government of India, Ministry of Agriculture,
New Delhi - 3-

~~Fort St. Gazette dated the 18th March 1950.~~

Sir,

SUB: AGRICULTURE - Grow More Food - Production of green manures.

Ref: Mr Raja's letter No. F2-10/49-M dated 3/7-6-1949.
Mr.Krishnaswamy's letter No.F.2. 20/49-M dated 13--10--1949.

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I am directed to furnish the following information required by the Government of India.

(I) STEPS TAKEN BY THE STATE GOVERNMENT TO INCREASE THE PRODUCTION AND DISTRIBUTION OF GREEN MANURE SEEDS - (Vide para 3 of the Government of India's letter dated 3/7-6-1949, and their letter dated 13--10--1949.

The Agricultural Department has been doing vigrous vigorous propaganda for the growing and utilization of green manure particularly in paddy lands for increasing the yields. Every effort is being made to keep the green manure campaign at its full vigour. Green manure seeds are being procured in large quantities from the producing centres and distributed to the ryots for growing green manure crops. The District Agricultural Officers have been instructed by the Director of Agriculture to organise seed production for the different kinds of green manures suitable for their circles with a view not only to make their circles self sufficient with regard to the supply of seed but also to maximise the area under green manures in their circles.

The quantities of green manure seeds purchased and sold during the last three years are as follows:

Year.	Quantity purchased.	Quantity. Sold.
1947-48	,186 bags.	20,440 bags.
1948-49	,624 "	23,951 "
A 1 1949-50	,000 (so far procured.)	2,176 "

In order to induce the ryots to take up the cultivation of green manure a subsidy of Rs.6-8-0 per bag of 160 lbs. of seeds is now being given to the producers who hand over the seeds to the Agricultural Department, as against Rs.2 previously given during the year 1946-47, Under the Comprehensive scheme for the multiplication and distribution of improved manure seeds. Half of this amount is recovered through sale price and the remaining half is passed on to the consuming ryots as subsidy which will be met by the State and Union Governments.

(II) THE TARGETS OF DISTRIBUTION OF GREEN MANURE SEEDS IN THE FOOD PRODUCTION PLAN FOR 1949-50 AND 1950-51 (VIDE PARA 2 (1) OF THE GOVERNMENT OF INDIA'S LETTER DATED 13-10-1949.

The target of distribution of green manure seeds for 1949-50 is 30,812 bags and that for 1950-51 is 53,436 bags. These are the targets proposed in the Revised Three Year Plan for food production which is under consideration. After approval of this plan by all the State Governments it will be forwarded to the Government of India.

(III) PRESENT PRODUCTION OF GREEN MANURE SEEDS IN THE PROVINCE - (VIDE PARA 2(2) OF THE GOVERNMENT OF INDIA'S LETTER DATED 13--10--1949.

The following are the estimated production and requirement of green manure seeds in this Province.

Name of the seed.	Production. *Bags.	Requirements. *Bags.
1. Sunhemp.	25,058	32,986
2. Pillipesara.	22,961	5,996
3. Indigo.	5,298	2,764
4. Kolinji.	9 349	7,473
5. Sesbania.	28	323
6. Dhaincha.	5,759	4,218
	68,453	53,782

of 160 lbs. capacity.

(IV) TOTAL INCREASE WHICH CAN BE EFFECTED IN THE PRODUCTION OF GREEN MANURE SEEDS IN OFF SEASON- (VIDE PARA 2 (3) OF THE GOVERNMENT OF INDIA'S LETTER DATED 13-10--1949.

P/ Information called for is awaited from the Director of Agriculture and will be furnished as soon as possible.

(V) QUANTITY OF GREEN MANURE SEEDS REQUIRED TO BE OBTAINED FROM OUTSIDE (Vide para 2 (4) OF THE GOVERNMENT OF INDIA'S LETTER DATED 13--10--1949.

No quantity is required from outside. The production in the State is fairly equal to the demand.

(Vi) IF SURPLUS IS AVAILABLE, THEN HOW MUCH CAN BE SPARED AND OF WHAT VARIETIES (VIDE PARA 2 (5) OF THE GOVERNMENT OF INDIA'S LETTER DATED 13-10-1949.

There is likely to be a surplus only in the case of the Pillipesara - vide statement item (ii) above.

Yours faithfully,

Copy to Director of Agriculture. (With reference to his letter No. EI 356/49 dated 3-1-50). He is requested to expedite the particulars under items. (iv)

Copy to Commissioner Feed Production.

/turecopy/

v.n.m. 6/7/53

Compared

R. Madhavan Nair.
N. Rathnavari.

AGRICULTURAL DEPARTMENT.

From

Sri R.M. Sundaram, I.C.S.,

Director of Agriculture,

Chepauk, M a d r a s.

To

The Secretary to Government,

Food & Agriculture Department,

M a d r a s.

NO.L. Dis. E.E. 1. 214/50 dated 29--3--1950

Sir,

SUB: AGRICULTURE - Grow More Food - Production of Green Manure - Particulars Furnished.

Ref: 1. Government Memo. No. 60890 N/49-2 (Food and Agriculture) dated 27--10-- 1949.

2. Government letter No. 60890/N/49-4 (Food and Agriculture) dated 18-3-50 addressed to Commissioner of Food Production Government of India, Ministry of Agriculture, New Delhi and copied to this office.

3. My letter NO. Dis. E.E. 1. 356/49 dated 3-1-50.

- - - -

With reference to item 3 of para 2 of Government of India's (Ministry of Agriculture)letter No.F.2. 20/49-M dated 13--10--49, communicated in the Government memo cited above, there seem to be no possibility of encouraging growth of Green manures in the off seasons either because they do not set seed properly in these seasons or they interfere with the usual crops that exist. The production figures furnished in the third of the reference cited above, have taken these possibilities into consideration already.

The several Green manure varieties are grown in the following season for seed production.

Sunhemp	June	July
Pillipasera.	June	July and December-Januar
Indigo.	June	July & December - January

Kolingi. June July.

Daincha. June - July.

Grown in other seasons these green manure crops do not set seed properly.

sd. T. Natarajan,
for Director of Agriculture.

/ture copy/.

v.n.m.

Compared -
N. Raghavan
10/7.

21

Letter No. 60890 N/49. S/d -2-5-50

To

The Commissioner for Food Production,

Government of India, Ministry of Agriculture,

New Delhi. 3.

Sir,

~~Dated the Fort St. George 2nd May 1950.~~

Sir,

SUB: AGRICULTURE - ~~"Grow More Food"~~ - Production of Green manures .

Ref: Correspondence resting with this Government's letter No. 60890 N/49-4 dated 18--3--50.

- - - - -

With reference to item 3 of para 2 of the Government of India's letter No.F.2. 20/49 dated 13-10-1949, I am directed to state that there seems to be no possibility of increasing the cultivation of green manure crops in the off seasons, either because they do not set seed properly in these seasons or they interfere with the usual crops cultivated These factors have been taken into consideration while furnishing the figures for the production of green manures seeds in the letter cited.

2 The several green manure varieties are grown in the following season for seed production.

Sunhemp	June - July.
Pillipesara.	June July and December - January.
Indigo.	June - July and December-January.
Kolingi.	June- July
Daincha.	June - July.

If these varieties are grown in their seasons they do not set seed properly.

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Copy to Director of Agriculture with reference to his letter No. E.E. 214 /50 dated 29--5--1950.

V.N.M.6/7/53.

Superintendent.

compared by

N. Raghavan

G.O. MS. NO.919 d/13--5--50.

AGRICULTURE - Grow More Food - Green manure seeds- Production and distribution - Certain information furnished to Government of India - Papers recorded.

(TRUE COPY)

V.N.M. 18/7/53.